

**IN THE CLAIMS**

Please amend the claims as follows (all pending claims are reproduced for the Examiner's convenience):

1. (Amended) A resin composition for use in a process for producing a cured film having the memory of a specified shape, said resin composition comprising:  
an oligomer compound having at least one acryloyl group in the molecule and has a glass transition temperature of lower than 50°C after polymerization;  
a low-molecular weight compound that has in its molecule one reactive double bond capable of polymerization with said oligomer compound and that has a glass transition temperature higher than at least 90°C after polymerization.

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2. (Amended) A resin compound for use in a process for producing a cured film having the memory of a specified shape, said resin composition comprising:  
an oligomer compound that has at least one acryloyl group in the molecule and that has a glass transition temperature lower than 50°C after polymerization; and  
a urethane adduct of hydroxyethyl acrylate or hydroxyethyl methacrylate and a diisocyanate.

3. (Previously Added) A resin composition for use in a process for producing a cured film having the memory of a specified shape, said resin composition comprising:  
an oligomer compound having at least one methacryloyl group in the molecule and has a glass transition temperature of lower than 50°C after polymerization; and  
a low-molecular weight compound that has in its molecule one reactive double bond capable of polymerization with said oligomer compound and that has a glass transition

temperature higher than at least 90°C after polymerization.

4. (Previously Added) The resin compound of Claim 1 further including a mixture of at least two low-molecular weight compounds that have in their molecule one reactive double bond capable of copolymerization with said oligomer compound and that have a glass transition temperature higher than 90°C after polymerization.

5. (Previously Added) The resin compound of claim 3 further including a mixture of at least two low-molecular weight compounds that have in their molecule one reactive double bond capable of copolymerization with said oligomer compound and that have a glass transition temperature higher than 90°C after polymerization.

6. (Previously Added) The resin compound of claim 4 wherein said process includes the steps of shaping a resin composition by applying it onto a shaped part, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films.

7. (Previously Added) The resin compound of claim 5, wherein said process includes the steps of shaping a resin composition by applying it onto a shaped part, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films.

8. (Previously Added) The resin composition of claim 4 wherein said which process comprises shaping a resin composition by placing it between films, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films.

9. (Previously Added) The resin composition of claim 5, wherein said which process

comprises shaping a resin composition by placing it between films, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films.

10. (Previously Added) A resin composition for use in a process for producing a cured film having the memory of a specified shape, said resin composition comprising:

an oligomer compound that has at least one methacryloyl group in the molecule and that has a glass transition temperature lower than 50°C after polymerization; and  
a urethane adduct of hydroxyethyl acrylate or hydroxyethyl methacrylate and a diisocyanate.

11. (Previously Added) The resin composition of claim 2 further including an optional low molecular weight compound that has in its molecule at least one double bond capable of copolymerization with said oligomer compound.

12. (Previously Added) The resin composition of claim 10 further including an optional low molecular weight compound that has in its molecule at least one double bond capable of copolymerization with said oligomer compound.

13. (Previously Added) The resin composition of claim 11 wherein said process includes the steps of shaping a resin composition by applying it onto a shaped part, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films.

14. (Previously Added) The resin composition of claim 12 wherein said process includes the steps of shaping a resin composition by applying it onto a shaped part, curing said resin composition with electron beams, and removing the cured composition from the shaped

part or films.

15. (Previously Added) The resin composition of claim 11 wherein said process includes the steps of shaping a resin composition by placing it between films, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films.

16. (Previously Added) The resin compound of claim 12 wherein said process includes the steps of shaping a resin composition by placing it between films, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films.

Please add the following new claims:

17. (New) A process for producing a cured film having ~~that~~ memory of a specified shape, which process comprises shaping a resin composition by either applying it onto a shaped part or placing it between films, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films, said resin composition comprising:

(a) an oligomer compound that has at least one acryloyl or metacryloyl group in the molecule and that has a glass transition temperature, Tg, of ~~lower~~ <sup>no higher</sup> than 50° C after polymerization; and

(b) a low-molecular weight compound that has in its molecule one reactive double bond capable of polymerization with the oligomer compound (a) and that has a glass transition temperature, Tg, ~~of~~ <sup>higher than</sup> at least 90° C after polymerization; or

(b') a mixture of two or more low-molecular weight compounds that have in their molecule one reactive double bond capable of copolymerization with the oligomer compound (a) and that have a glass transition temperature, Tg, <sup>of at least</sup> <sup>p 2</sup> higher than 90° C after polymerization.

18. (New) A process for producing a cured film having the memory-of-a-specified-shape,<sup>shape memory prop</sup> which process comprises shaping a resin composition by either applying it onto a shaped part or placing it between films, curing said resin composition with electron beams, and removing the cured composition from the shaped part or films, said resin composition comprising:
- (a) an oligomer compound that has at least one acryloyl or metacryloyl group in the molecule and that has a glass transition temperature, Tg, <sup>no higher</sup> <sup>p 2</sup> lower than 50° C after polymerization;
  - (b) a simple urethane adduct of hydroxyethyl acrylate or hydroxyethyl methacrylate and a diisocyanate; and
  - (c) an optional low-molecular weight compound that has in its molecule at least one double bond capable of copolymerization with the oligomer compound (a).